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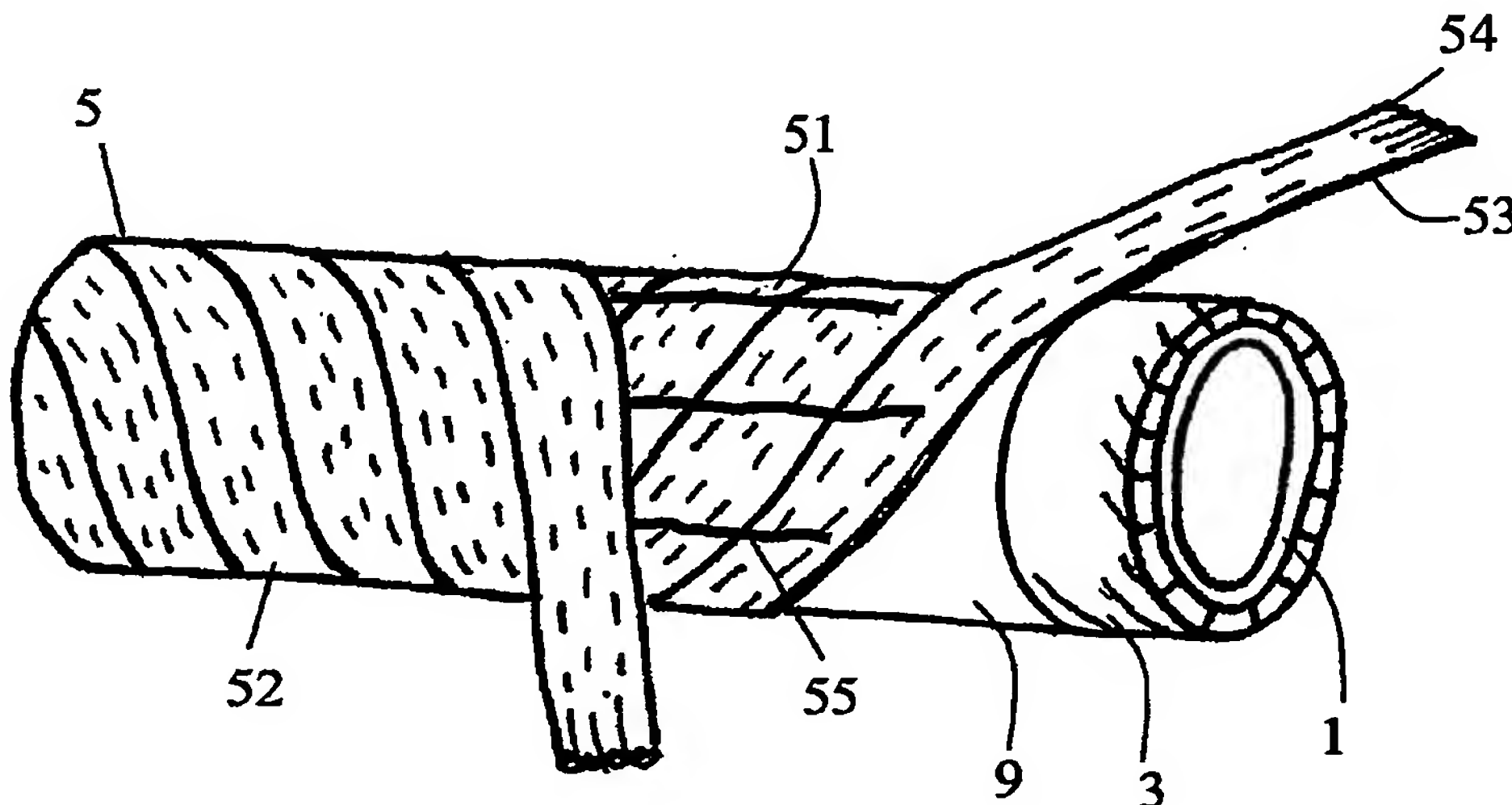
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(54) Title: A FLEXIBLE PIPE WITH A PERMEABLE OUTER SHEATH AND A METHOD OF ITS MANUFACTURING



(57) Abstract: The invention relates to a flexible pipe for transporting a fluid in a marine environment, the pipe comprising: a) a liner (1) for confining the fluid to be transported by the pipe, b) an armouring layer (3) surrounding the liner, c) an outer protective sheath (5) surrounding the armouring layer. The invention further relates to a method of manufacturing a flexible pipe. The object of the present invention is to provide a flexible pipe with an outer protective sheath that allows a radial expansion and contraction of armouring layers of the pipe. The problem is solved in that the outer protective sheath comprises at least two protective layers (51, 52) of helically wound composite wires (53), the at least two layers being wound with essentially opposite winding angles and being locally held together (55). This has the advantage of providing a relatively flexible, yet fixed structure of the outer sheath.



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